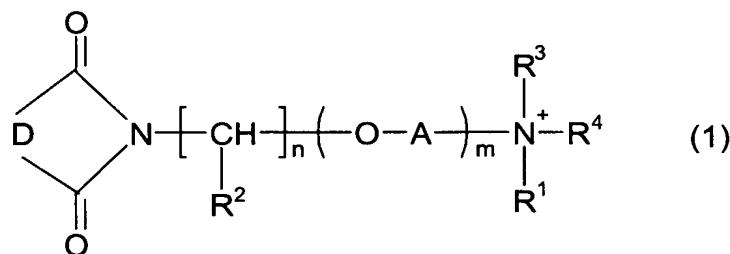


What is claimed is:

1. A compound of the formula (1)



where

- R¹ is C₁- to C₂₂-alkyl, C₂- to C₂₂-alkenyl, C₆- to C₃₀-aryl or C₇- to C₃₀-alkylaryl, -CHR⁵-COO⁻ or -O⁻,
- R² is hydrogen -CH₃ or -OH,
- R³, R⁴ are each independently C₁- to C₂₂-alkyl, C₂- to C₂₂-alkenyl, C₆- to C₃₀-aryl or C₇- to C₃₀-alkylaryl,
- R⁵ is hydrogen, C₁- to C₂₂-alkyl or C₂- to C₂₂-alkenyl,
- A is a C₂- to C₄-alkylene group,
- D is a C₂- to C₅-alkylene group which may contain one or two heteroatoms,
- m is a number from 0 to 30,
- n is a number from 1 to 18.

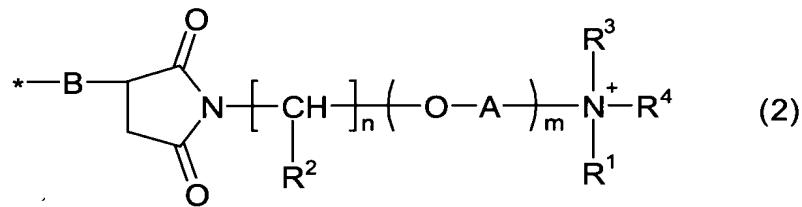
2. A compound as claimed in claim 1, wherein R³ and R⁴ are each an alkyl or alkenyl group having from 1 to 14 carbon atoms.
3. A compound as claimed in claim 1 and/or 2, wherein R² is hydrogen.
4. A compound as claimed in one or more of claims 1 to 3, wherein n is a number in the range from 2 to 12.

5. A compound as claimed in one or more of claims 1 to 4, wherein m is a number in the range from 1 to 30.

6. A compound as claimed in one or more of claims 1 to 5, wherein D includes an R⁶ radical which is a C₁- to C₁₀₀-alkyl or C₂- to C₁₀₀-alkenyl radical which is an oligomer of C₂- to C₈-alkylenes.

7. A compound as claimed in one or more of claims 1 to 5, wherein D includes an R⁶ radical which includes nitrogen or oxygen atoms or both.

8. A compound as claimed in one or more of claims 1 to 5, wherein D includes an R⁶ radical which is a radical of the formula 2



where

B is a C₁- to C₁₀₀-alkylene or C₂- to C₁₀₀-alkenylene radical which is an oligomer C₂- to C₈-alkylene building blocks and the bond to D in formula 1 is via a free valence of an alkyl group at any desired point on B.

9. The use of compounds of the formula 1 in amounts of from 5 to 5 000 ppm as corrosion inhibitors and gas hydrate inhibitors.